

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
Dr. Martin Kustermann et al.	)	Group:
Serial No.:	)	
Filed: October 7, 2003	)	Examiner:
Title: ROLLER PROVIDED FOR USE	)	
IN COATING MACHINES	)	

INFORMATION DISCLOSURE STATEMENT

MS DD  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Applicant wishes to bring to the attention of the Examiner the documents identified on the attached form PTO-1449. Applicant respectfully requests that these documents be made of record in the present application.

A copy of each of these documents can be found in the parent application, i.e., U.S. Patent Application Serial No. 09/763,032.

Patent Document No. DE 198 00 955 A1 is discussed in the specification of the present application.

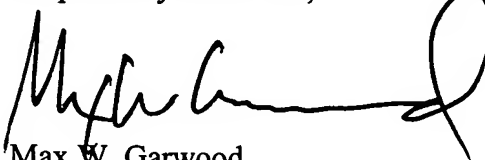
German Document No. DE 40 22 334 C2 discloses a method for the operation of an applicator device for paper or cardboard, designed to operate with a coating medium which is formulated on a pigment basis or starch, comprising a coating roll consisting of a core and shell, whereby the core is constructed of metal, preferably steel and the shell is constructed of a rubber or caoutchouc elastic material characterized in that in order to avoid water penetration between the core and the shell, the metallic core (1) is heated to a temperature of 0.1 to 50°K higher - at least in the area of the transitional surface to the shell (2) - than the shell which is heated by the coating medium.

German Document No. DE 197 14 645 A1 relates to a roll installed in a device for coating a material web (13) specifically a paper or cardboard web, whereby the roll will be in the form of a compression roll (7, 8), a backing roll (21) or an applicator roll (22). The roll to feature a hollow cylinder supporting body (2) onto whose shell surface a compressible layer (4) of cellular synthetic material having a multitude of pores and a compression module  $\kappa$  of less than 100 MPa is applied.

German Document No. DE 691 12 779 T2 discloses a method for coating of rolls in glue presses and coating machinery, whereby an elastic polymer coating is applied onto a roll frame and whereby a polymer or a mixture of polymers is used as the base material for the coating medium and whereby the base material is a thermoplastic or thermosetting synthetic material, caoutchouc, thermoplastic caoutchouc or an elastomer, characterized in that polyurethane elastomer, prepolymer polyetherpolypole or prepolymer polyesterpolypole is utilized as the base material; and that prior to applying the coating medium to the roll frame oxides and/or carbides and/or sulfites are added to the polymer or the polymer mixture in order to improve the wear and tear resistance and the process related characteristics; and that various fillers and additives are added in order to improve the manufacturing related characteristics, whereby the thus created essentially homogeneous coating medium is distributed on the roll frame as an essentially uniform and homogeneous layer.

In the event Applicants have overlooked the need for a payment of fee, or additional payment of fee, or have overpaid a fee, Applicants hereby conditionally petition therefor and authorize that any charges or credits be made to Deposit Account No. 20-0095, TAYLOR & AUST, P.C.

Respectfully submitted,



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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on: October 7, 2003.

Max W. Garwood, Reg. No. 47,589

NAME OF REGISTERED REPRESENTATIVE



SIGNATURE

October 7, 2003

DATE

		ATTORNEY DOCKET NO.: VOI0181.CIP	SERIAL NO:
INFORMATION DISCLOSURE STATEMENT		APPLICANT: Dr. Martin Kustermann et al.	
		FILING DATE: October 7, 2003	GROUP:

## U.S PATENT DOCUMENTS

Examiner Initial *		Document No.	Date	Name	Class	Subclass	Filing Date
	AA	4,559,106	12/1985	Skyttä, et al.	162	358	May 8, 1984
	AB	3,701,335	10/1972	Barnscheidt	118	104	February 12, 1971
	AC	5,650,010	07/1997	Rantanen et al.	118	126	
	AD	5,415,612	05/1995	Carlson et al.	492	56	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

							Translation	
		Document No.	Date	Country	Class	Subclass	Yes	No
	AL	40 22 334 C2	2/1994	Germany	D21 H 23	58		X
	AM	197 14 645 A1	10/1998	Germany	B05 C 1	08		X
	AN	691 12 779 T2	6/1995	Germany	B05 D 5	02		X
	AO	0 466 007 B1	1/1995	Europe	B05 C 1	08		X
	AP	198 00 955 A1	7/1999	Germany	D21 H 23	56		X

## OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


EXAMINER:	DATE CONSIDERED:
<small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</small>	